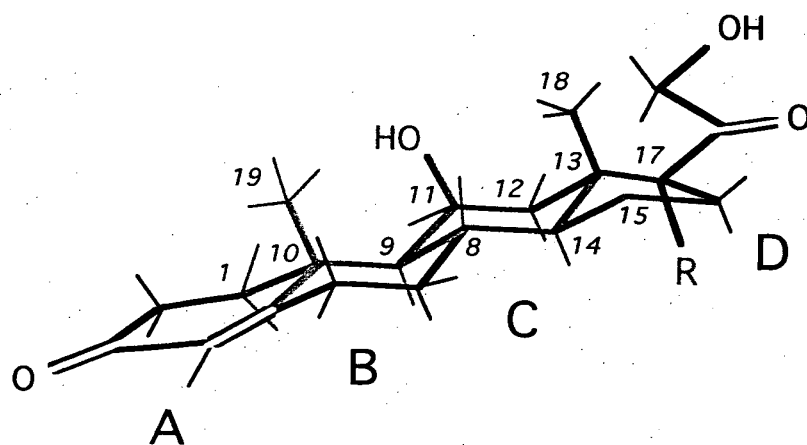
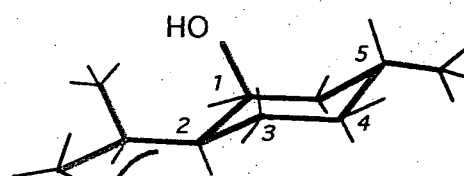


11 $\beta$ -HSD  
substrate



R :  
H = Corticosterone  
OH = Cortisol

(1*S*,2*S*,5*R*)-(+)-  
Neomenthol



(1*S*,2*R*,5*R*)-(+)-  
Isomenthol

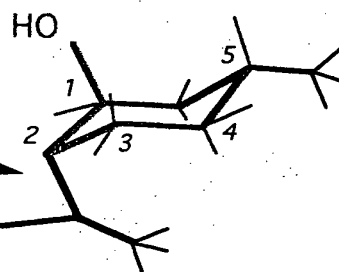


Figure 1

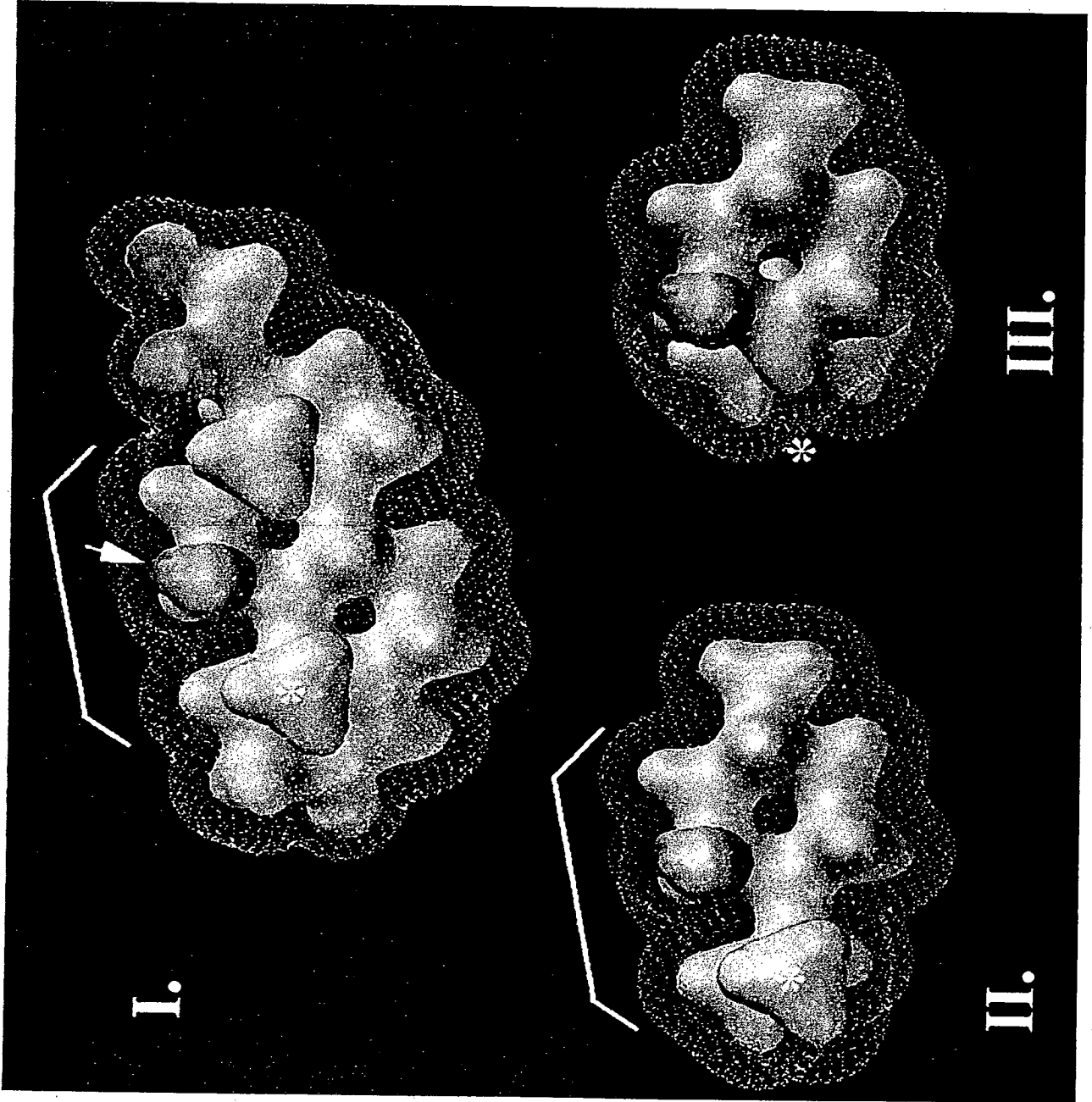


Figure 2

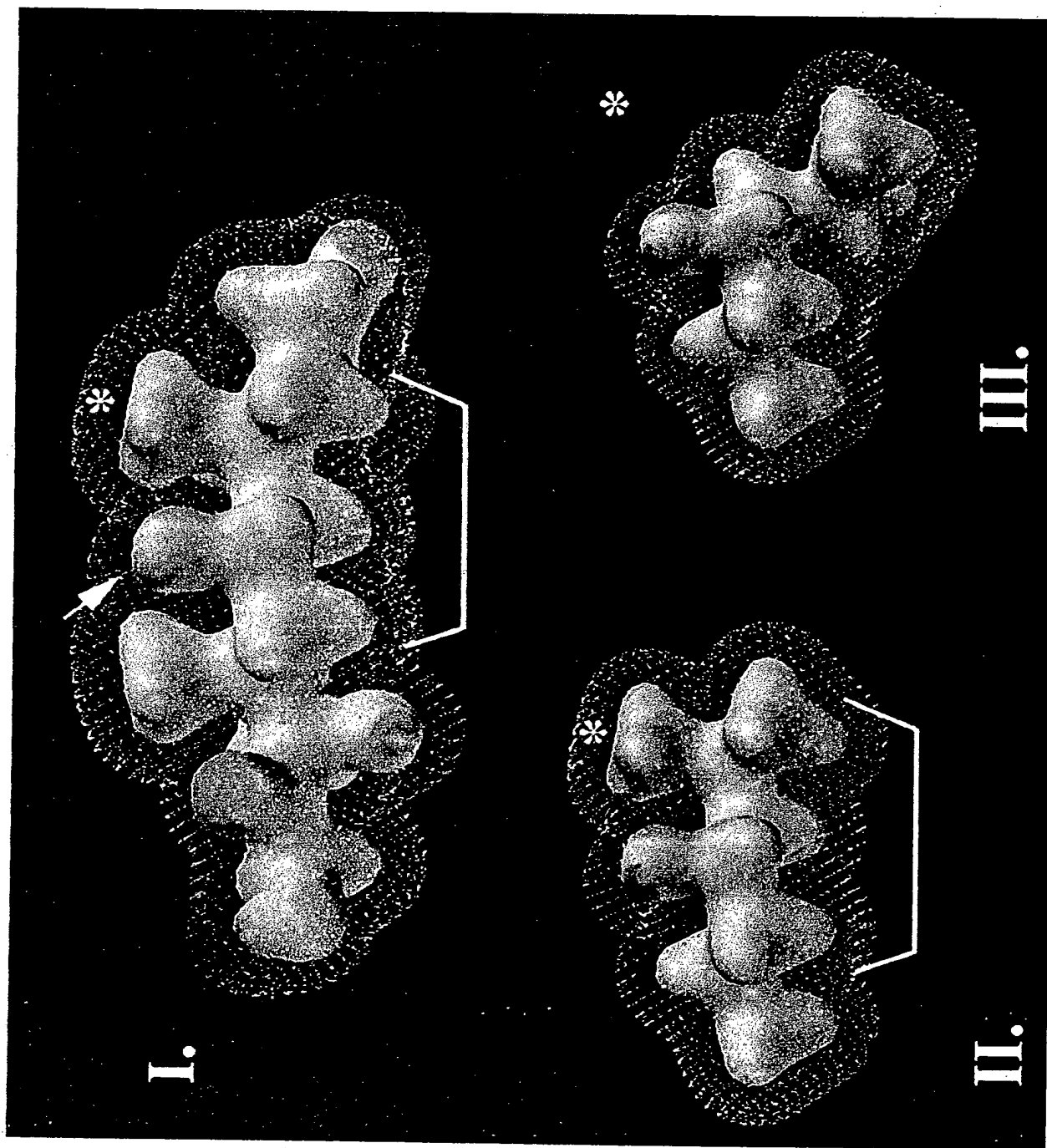


Figure 3

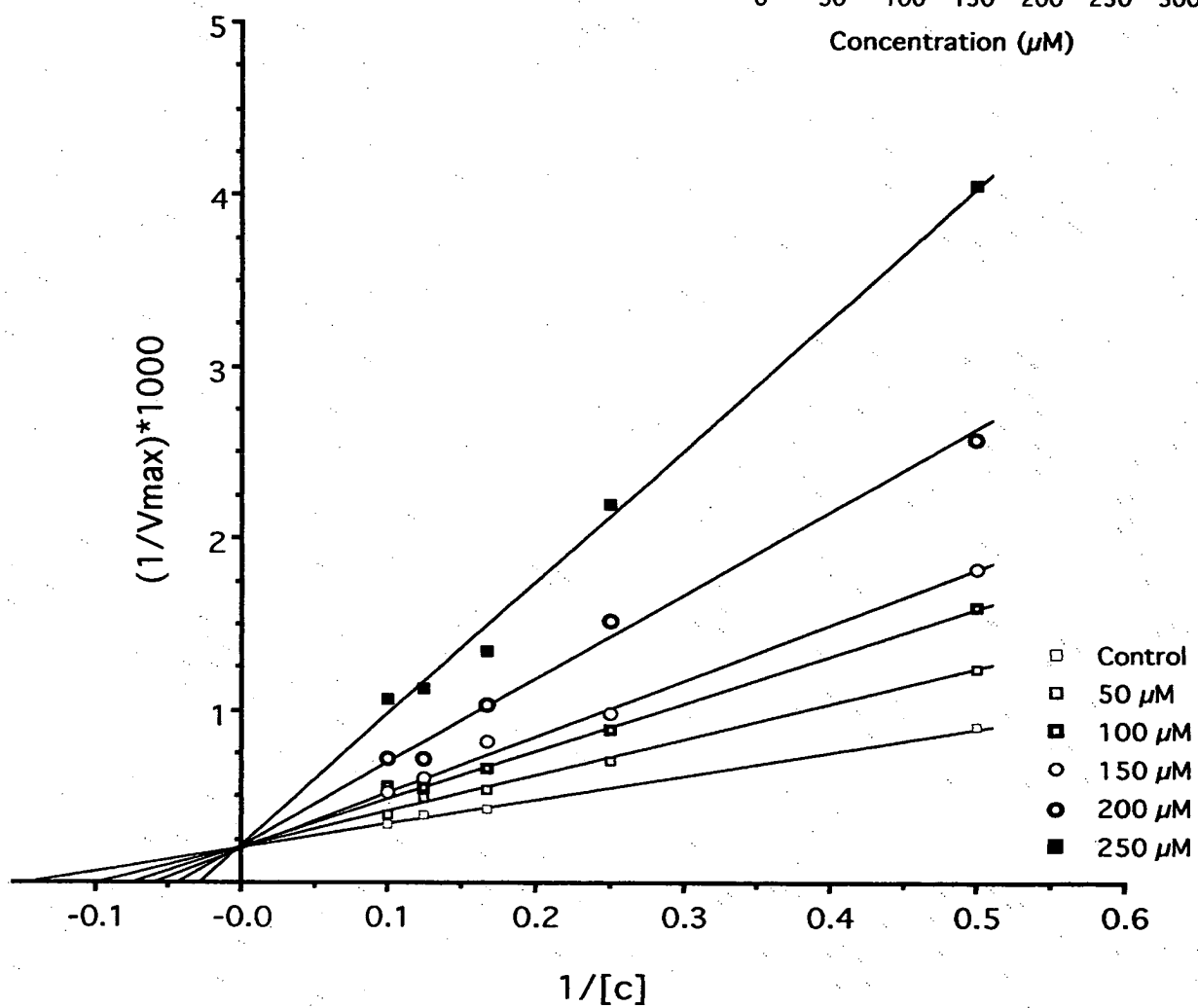
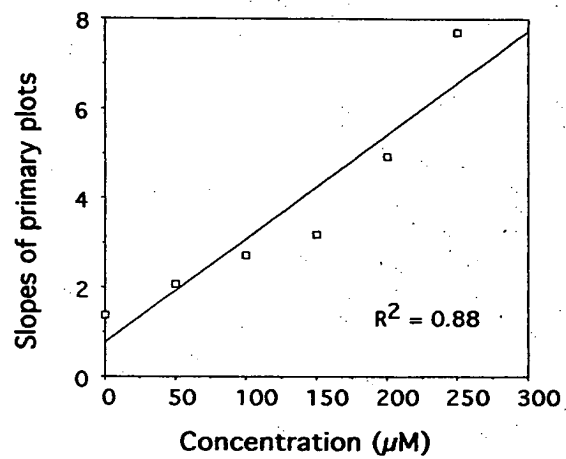
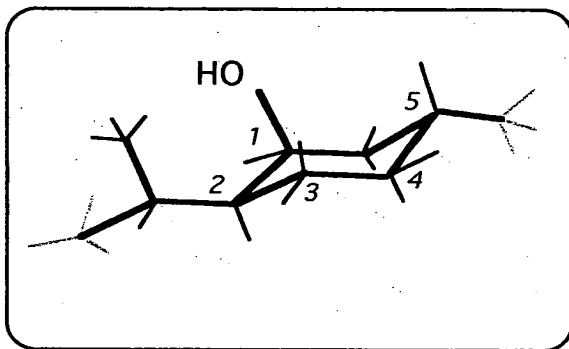


Figure 4

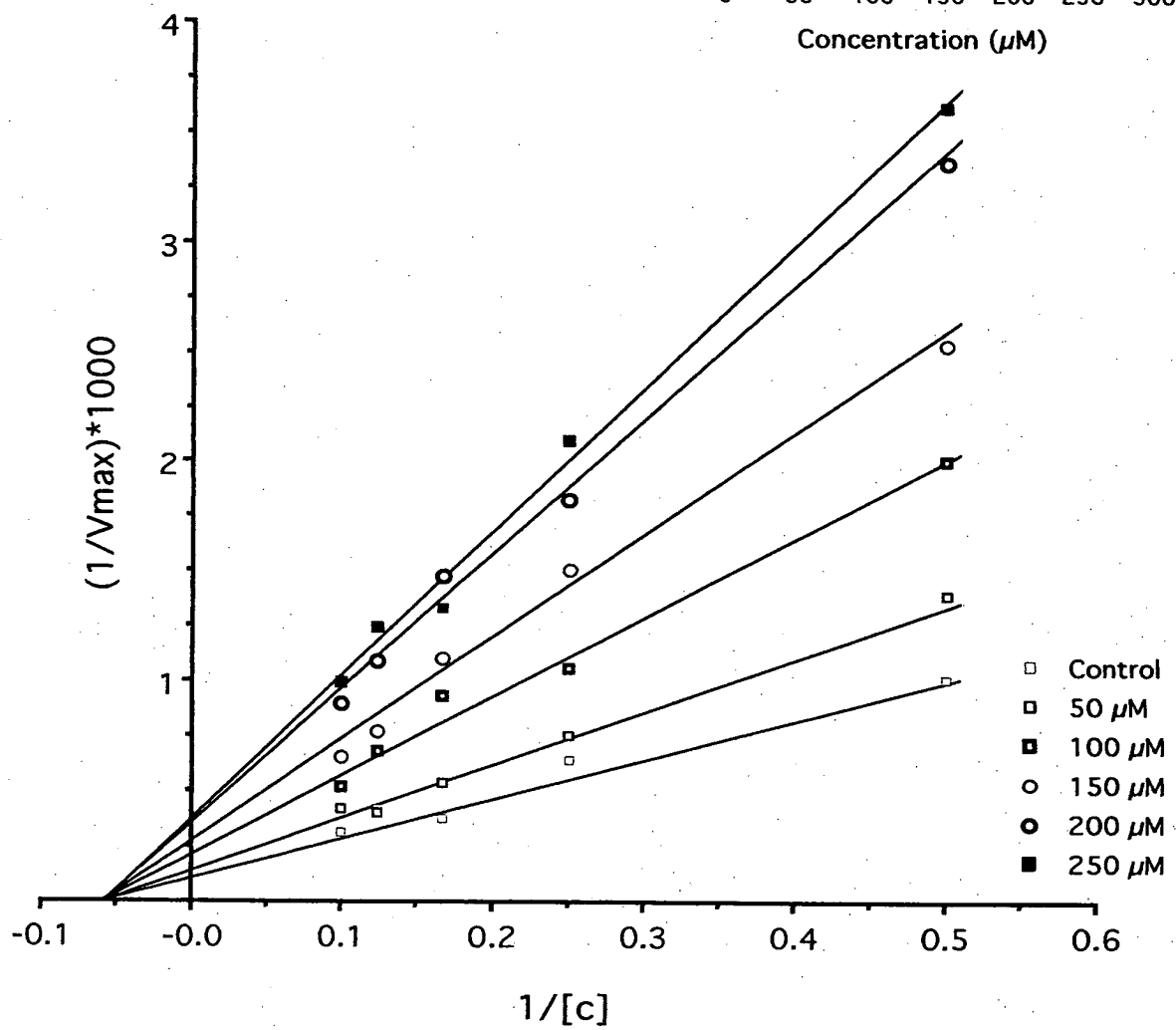
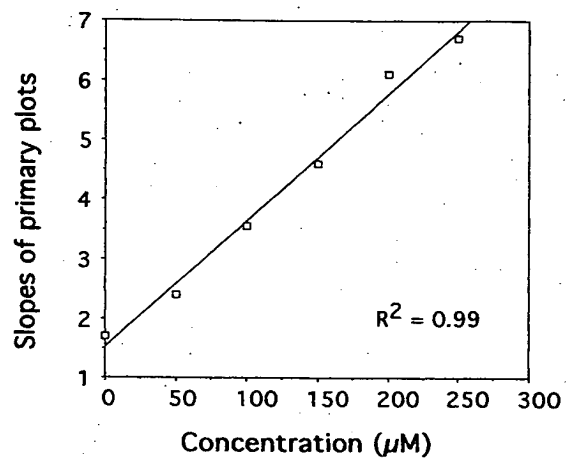
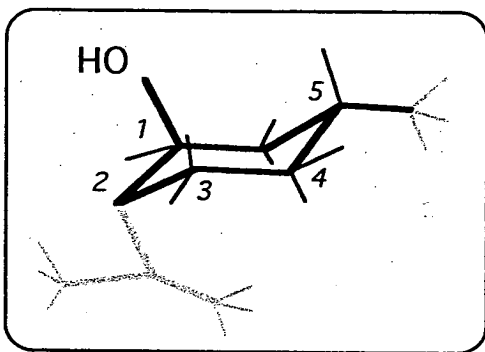
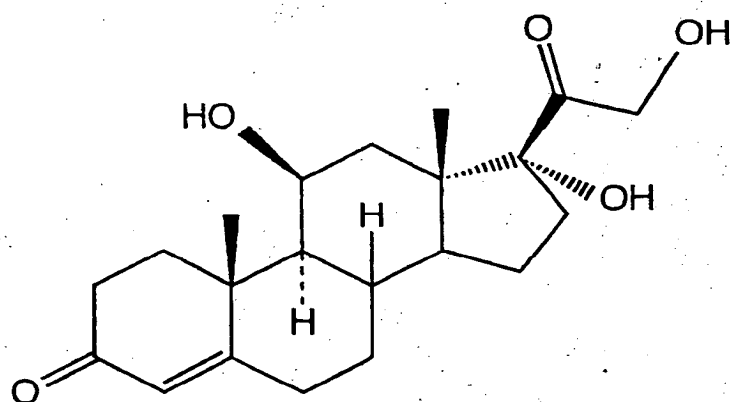
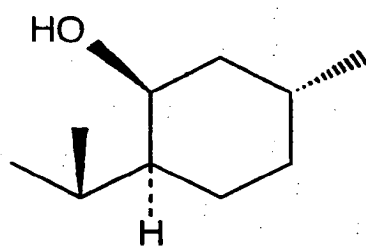


Figure 5

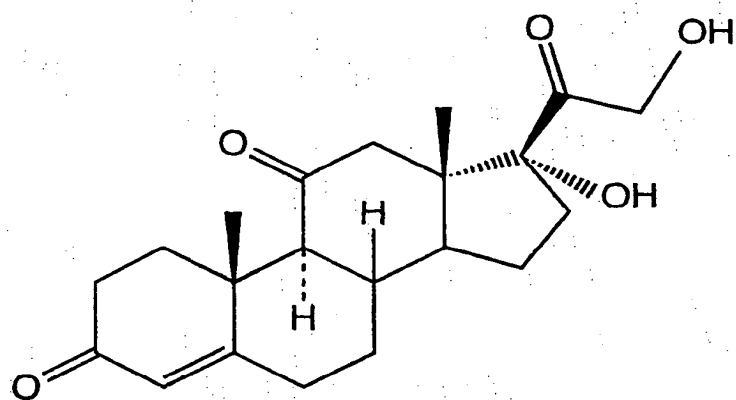
**Cortisol**



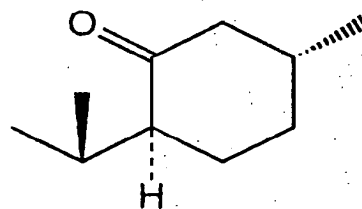
**(1S, 2S, 5R)-Neomenthol**



**Cortisone**



**(2S, 5R)-Neomenthone**



**Figure 6**

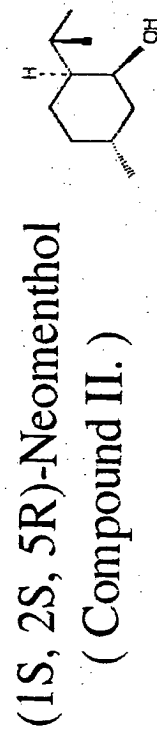
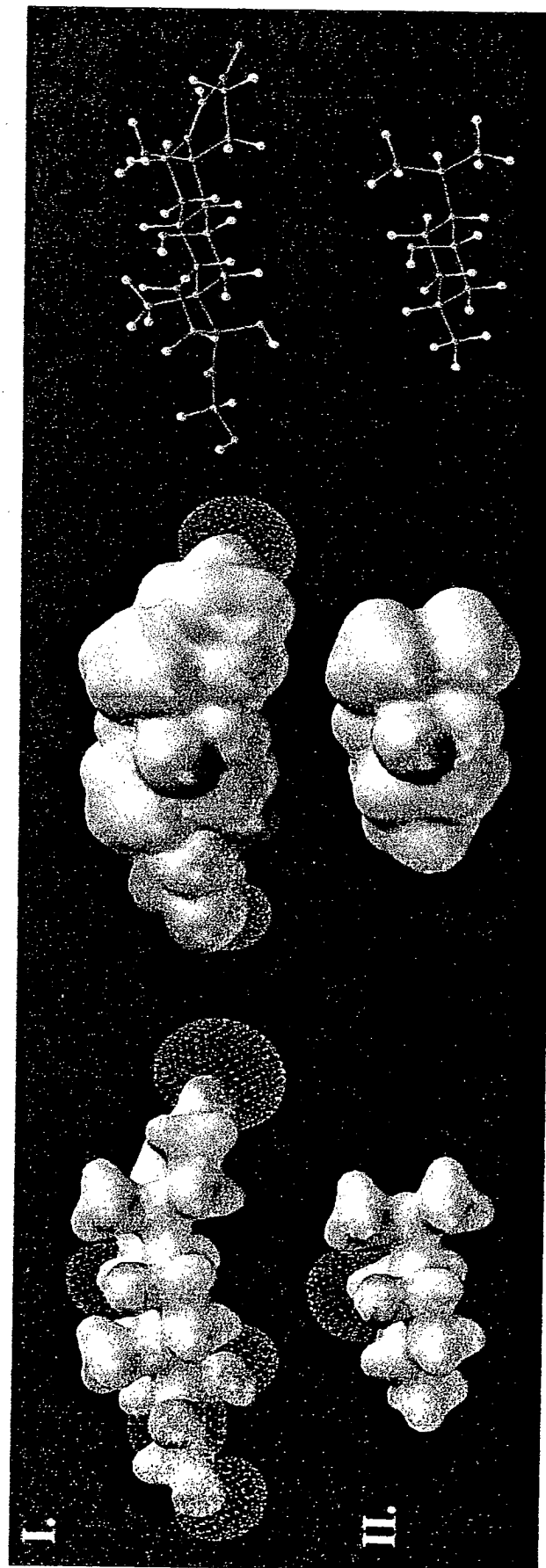
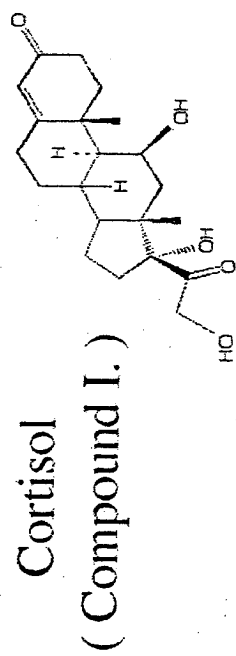
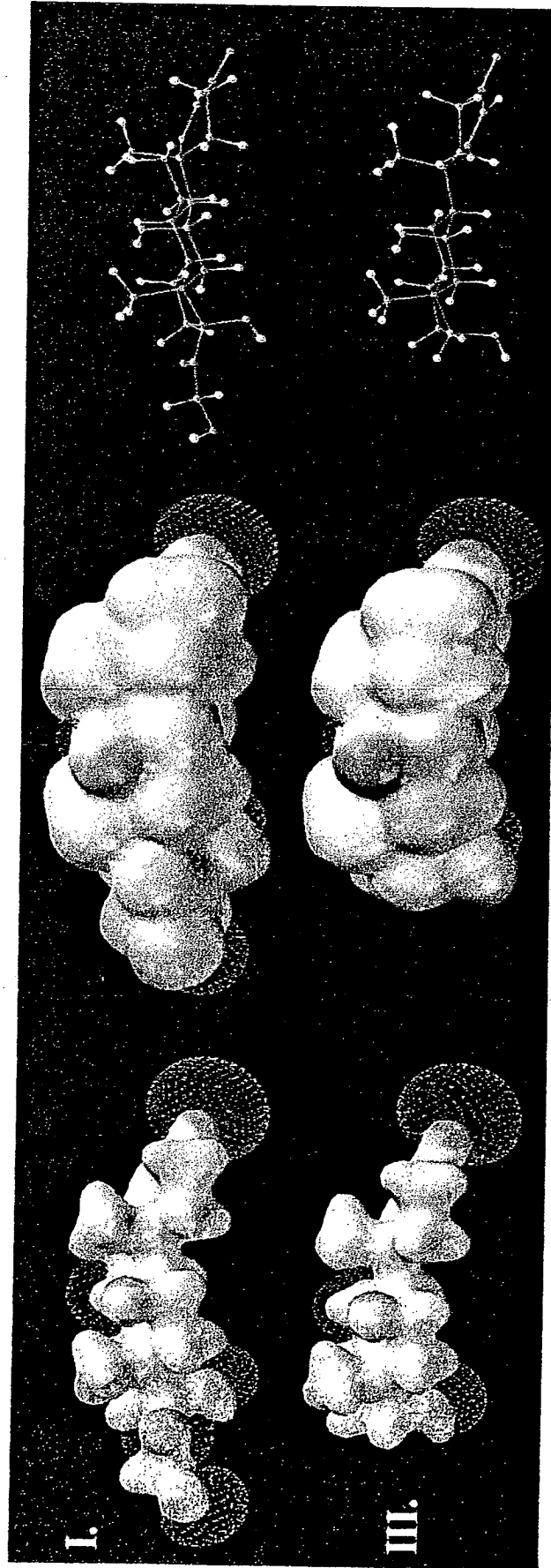
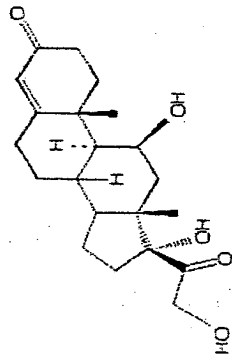


Figure 7

Cortisol  
(Compound I.)



Compound III.

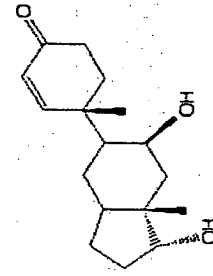
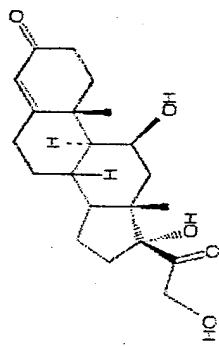


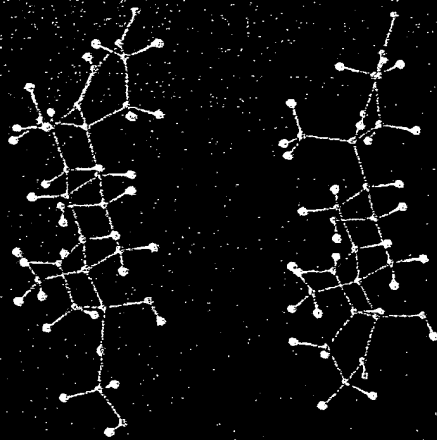
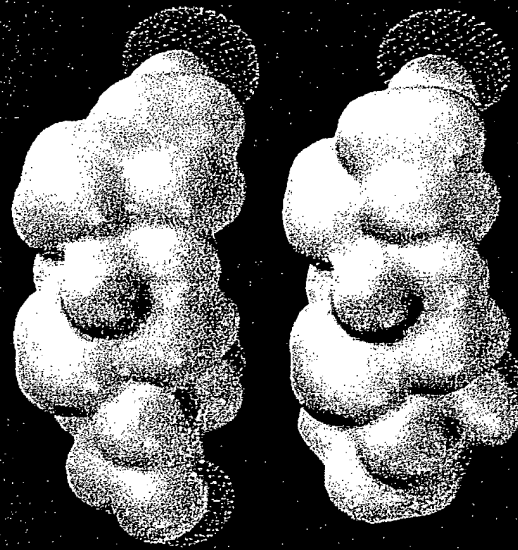
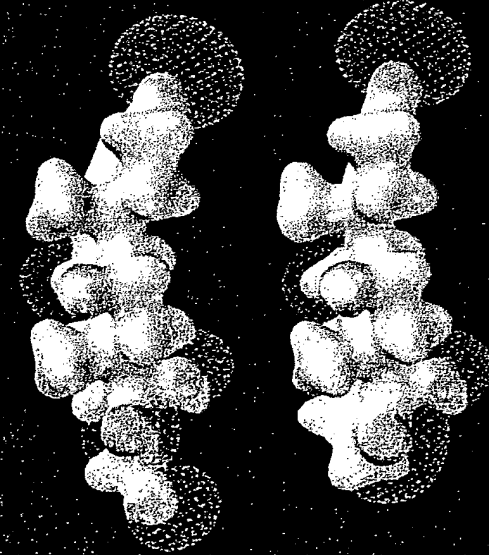
Figure 8



Cortisol  
(Compound I.)



I.



IV.

Compound IV.

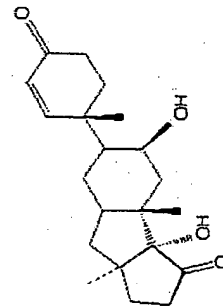
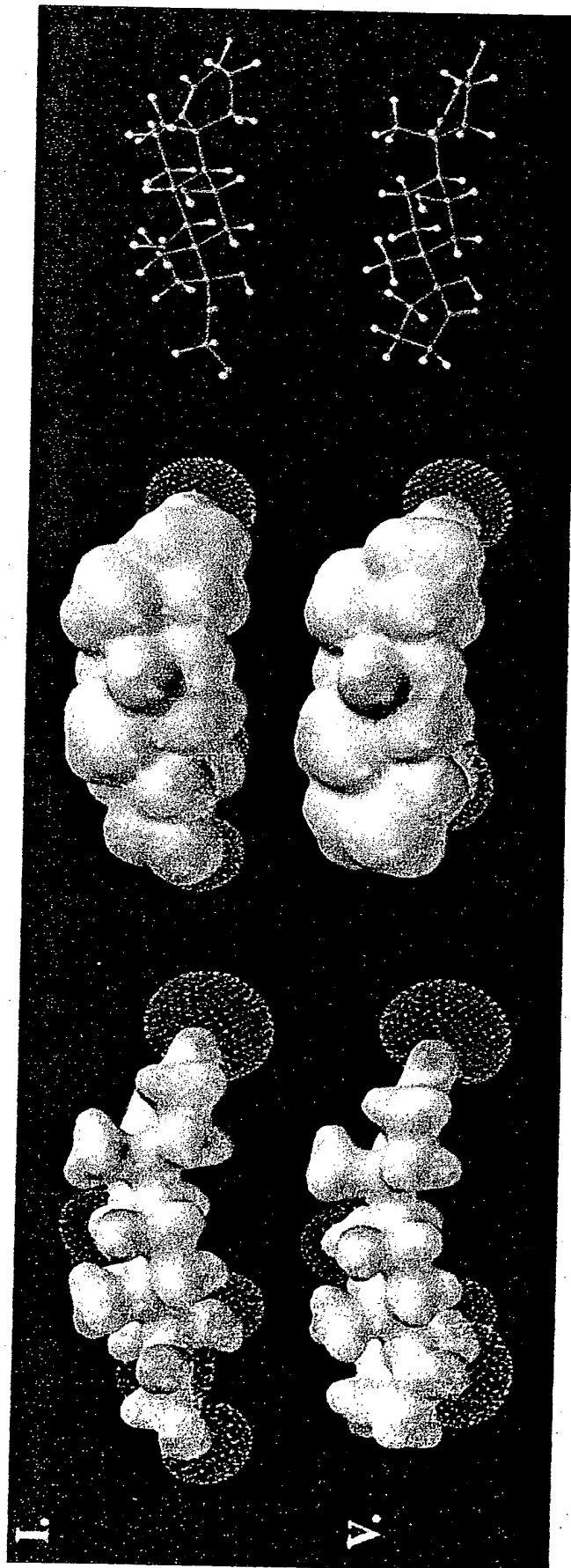
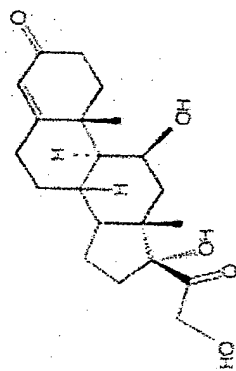


Figure 9

Cortisol  
(Compound I.)



Compound V.

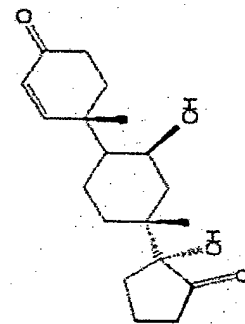


Figure 10

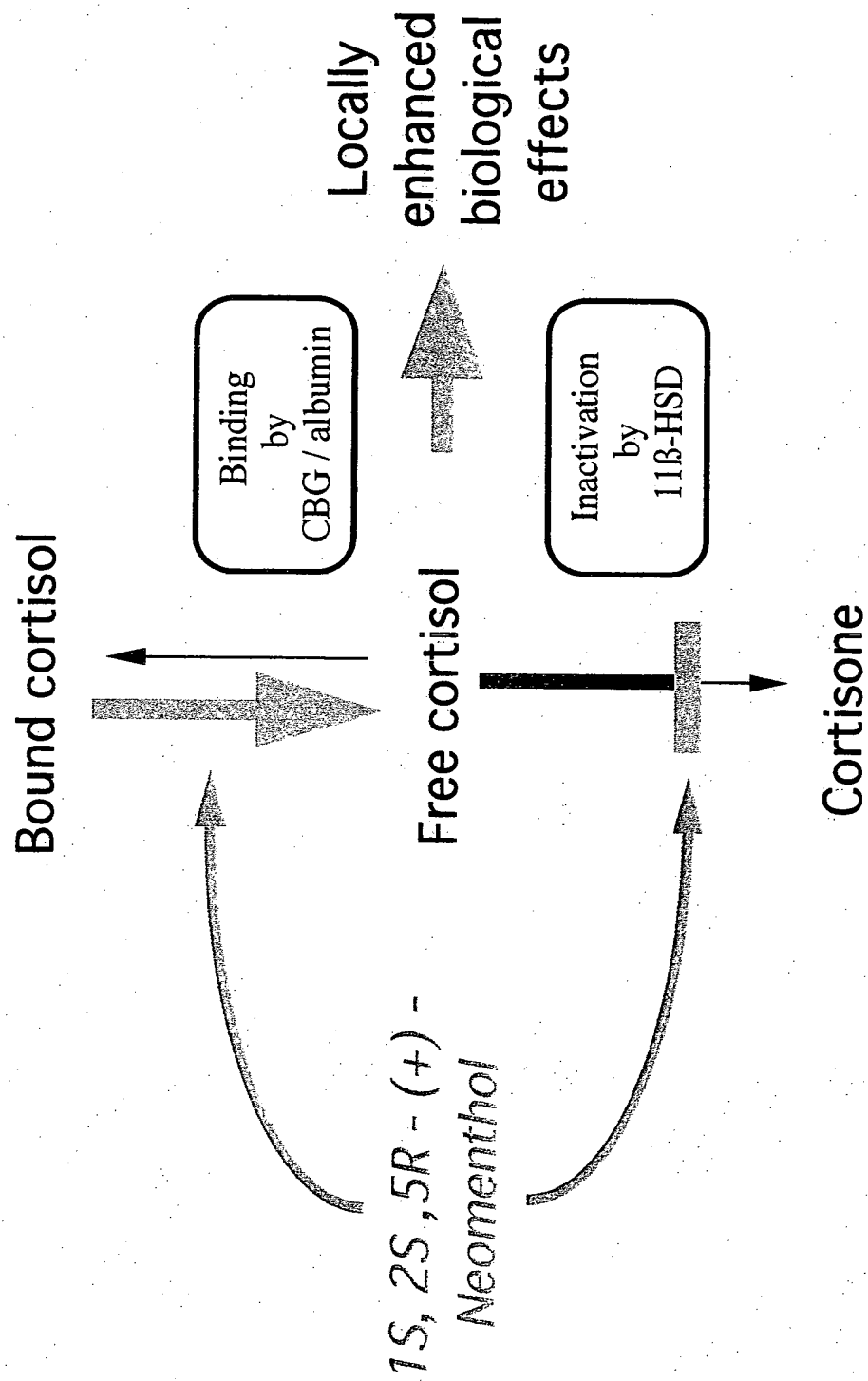


Figure 11